

MANATEE COUNTY GOVERNMENT

INTENT TO AWARD

IFB NO. / TITLE	IFBC 22-TA004058DJ Phase II Repairs to Lake Manatee Dam	DATE POSTED	MC _____ DS _____	CC _____ BIDSYNC _____
PROCUREMENT REPRESENTATIVE	Dave Janney Senior Procurement Agent	PROJECTED AWARD DATE	July 26, 2022	
DEPARTMENT/DIVISION	Public Works	AUTHORIZED BY DATE	Jacob Erickson, Purchasing Official	

NOTICE OF INTENT TO AWARD

The Manatee County Procurement Division provides notice of its intent to award a contract with Kiewit Infrastructure South Co. for the provision of Phase II Repairs to Lake Manatee Dam.

ENABLING/REGULATING AUTHORITY

Manatee County Procurement Ordinance, Sec 2-26.

BACKGROUND/EVALUATION

The Scope of Work consist of repairs to Lake Manatee Dam to include the deep soil mixing, concrete repairs, electrical and mechanical repairs to spillway gate structures, and jet grouting per the plans and specifications.

The solicitation was advertised on March 23, 2022, on the Manatee County website and Periscope S2G. It was also provided to the Manatee County Chamber of Commerce, the Manasota Black Chamber of Commerce, Gulf Coast Builders Exchange and Gulf Coast Latin Chamber of Commerce for release to their members and in the Bradenton Herald and Tempo News newspapers. Responses were received from the following firms:

1. Kiewit Infrastructure South Co., Omaha, NE
2. Thalle Construction Co. Inc., Hillsborough, NC

EVALUATION SUMMARY:

Kiewit Infrastructure South Co. was the lowest responsible, responsive bidder(s). A bid tabulation of the results is attached to this Notice of Intent to Award.

RECOMMENDATION

The Procurement Division and the Public Works Department recommend award to Kiewit Infrastructure South Co..

ATTACHMENTS (List in order of attached)	Bid Tabulation	NAME AND NUMBER OF FUNDING SOURCE	Utility Rates, Debt 4046108870 534000
COST	\$15,478,210	FUNDS VERIFIED	Yes

TAB SHEET 22-TA004058DJ PHASE II DAM REPAIRS COUNTY PROJECT NO. 6108870				Kiewit Infrastructure South	Thalle Construction
Pay Item Number	Description	Estimated Quantity	Unit	Total Bid Price 214 Calendar Days	Total Bid Price 214 Calendar Days
GRAND TOTAL				\$15,478,210.00	\$32,507,277.00

TAB SHEET 22-TA004058DJ PHASE II DAM REPAIRS COUNTY PROJECT NO. 6108870				Kiewit Infrastructure South		Thalle Construction	
Pay Item Number	Description	Estimated Quantity	Unit	Unit Price 214 Calendar Days	Total Bid Price	Unit Price 214 Calendar Days	Total Bid Price
100 Mobilization							
101	Pre-Mobilization Activities (Construction Submittals....)	1	LS	\$275,000.00	\$275,000.00	\$200,000.00	\$200,000.00
102	Utility Locates	1	LS	\$60,000.00	\$60,000.00	\$145,000.00	\$145,000.00
103	Laydown and Setup	1	LS	\$1,000,000.00	\$1,000,000.00	\$7,500,000.00	\$7,500,000.00
104	Office Set-Up	1	LS	\$75,000.00	\$75,000.00	\$1,500,000.00	\$1,500,000.00
104	Office Maintenance and Operation	30	WK	\$3,000.00	\$90,000.00	\$7,000.00	\$210,000.00
105	Erosion and Sediment Control Best Management Practices	30	WK	\$1,000.00	\$30,000.00	\$8,600.00	\$258,000.00
106	Temporary Downstream Access Road	1	LS	\$90,000.00	\$90,000.00	\$200,000.00	\$200,000.00
108	General Conditions	1	LS	\$858,000.00	\$858,000.00	\$5,150,000.00	\$5,150,000.00
109	Permits, Bonding, etc.	1	LS	\$123,000.00	\$123,000.00	\$650,000.00	\$650,000.00
MOBILIZATION SUBTOTAL					\$2,601,000.00		\$15,813,000.00
200 Construction Access Road							
201	Cut for Regrading	600	CY	\$25.00	\$15,000.00	\$10.00	\$6,000.00
202	Furnish & Install Grading Material	1300	CY	\$160.00	\$208,000.00	\$41.00	\$53,300.00
CONSTRUCTION ACCESS ROAD SUBTOTAL					\$223,000.00		\$59,300.00
300 Void Filling							
Apron Area							
301	Furnish & Install Pressure Relief Wells	4	LS	\$7,000.00	\$28,000.00	\$11,305.00	\$45,220.00
302	Core Slab, Fill Voids, and Repair Cores	120	CY	\$1,600.00	\$192,000.00	\$1,750.00	\$210,000.00
Stilling Basin							
303	Furnish & Install Vertical Pressure Relief Wells	9	LS	\$7,000.00	\$63,000.00	\$11,400.00	\$102,600.00
304	Furnish & Install Inclined Pressure Relief Wells	10	LS	\$7,500.00	\$75,000.00	\$11,400.00	\$114,000.00
305	Core Slab, Fill Voids, and Repair Cores	150	CY	\$1,600.00	\$240,000.00	\$1,600.00	\$240,000.00
VOID FILLING SUBTOTAL					\$598,000.00		\$711,820.00
400 Apron Area Repairs							
Site Preparation							
401	Full Depth Demo of Trench and Grade Preparation for Cutoff Wall Installation	160	CY	\$920.00	\$147,200.00	\$2,100.00	\$336,000.00
402	Partial Depth Demo and Preparation for Overlay Slab Key Trenches	20	CY	\$10,000.00	\$200,000.00	\$3,200.00	\$64,000.00
403	Preparation of Apron Area for Concrete Overlay	20,000	SF	\$5.00	\$100,000.00	\$1.50	\$30,000.00
New Work							
404	Furnish & Install Soil Mix Cutoff Wall	1610	VLF	\$350.00	\$563,500.00	\$1,000.00	\$1,610,000.00
405	Furnish & Install 8 Ft Diameter Jet Grout Cells Along Cutoff Wall	100	VLF	\$1,100.00	\$110,000.00	\$1,370.00	\$137,000.00
406	Furnish & Install 4 Ft Diameter Jet Grout Tie-ins for Cutoff Wall	100	VLF	\$700.00	\$70,000.00	\$550.00	\$55,000.00
407	Furnish & Install Reinforced Concrete Trench Slab Across Apron to Engage Cutoff Wall	160	CY	\$1,200.00	\$192,000.00	\$2,600.00	\$416,000.00
408	Furnish & Install Reinforced Concrete Topping Slab Over Existing Apron	650	CY	\$1,000.00	\$650,000.00	\$950.00	\$617,500.00
409	Furnish & Install Reinforced Concrete Access Steps	1	EA	\$40,000.00	\$40,000.00	\$38,000.00	\$38,000.00
APRON AREA REPAIRS SUBTOTAL					\$2,072,700.00		\$3,303,500.00
500 North Training Wall							
Site Preparation							
501	RipRap Removal and Excavation at Training Wall to Wing Wall Interface	600	CY	\$70.00	\$42,000.00	\$74.00	\$44,400.00
502	Furnish & Install Engineered Fill in Cut at Training Wall to Wing Wall Interface	600	CY	\$200.00	\$120,000.00	\$140.00	\$84,000.00
503	Furnish & Install Steel Sheet Piling Along Toe Drain Piping and Adjacent to Stoplog Storage Pad	3000	SF	\$85.00	\$255,000.00	\$100.00	\$300,000.00
New Work							
504	Cut Work Volume As-Needed for Cutoff Wall Installation Equipment	1000	CY	\$45.00	\$45,000.00	\$16.00	\$16,000.00
505	Transport & Place Fill Work Volume As-Needed for Cutoff Wall Installation Equipment	120	CY	\$150.00	\$18,000.00	\$170.00	\$20,400.00
506	Furnish & Install 3 ft Diameter Soil Mix Cutoff Wall	1700	LF	\$350.00	\$595,000.00	\$950.00	\$1,615,000.00
507	Furnish & Install 4 Ft Diameter Jet Grout Cells	1500	LF	\$700.00	\$1,050,000.00	\$370.00	\$555,000.00
508	Furnish & Install 8 Ft Diameter Jet Grout Tie-in Cells	120	LF	\$1,100.00	\$132,000.00	\$1,100.00	\$132,000.00
509	Furnish & Install 4 Ft Diameter Jet Grout Slab Support Columns on 10 ft Centers to Training Wall Footings	450	LF	\$700.00	\$315,000.00	\$350.00	\$157,500.00
510	Surplus Allotment of Soil Mix Grout Migrating into Remaining Voids Under Training Wall	25	CY	\$700.00	\$17,500.00	\$630.00	\$15,750.00
511	Cut Work As-Needed for Final Grade	150	CY	\$125.00	\$18,750.00	\$30.00	\$4,500.00
512	Transport & Place Fill Work Volume As-Needed for Final Grade	600	CY	\$50.00	\$30,000.00	\$60.00	\$36,000.00
513	Furnish & Install Continuous Reinforced Concrete Slab Between Training Wall and Cutoff Wall	175	CY	\$1,890.00	\$330,750.00	\$3,000.00	\$525,000.00
514	Furnish & Install Reinforced Concrete Slab Between End of Training Wall and Toe Drain Sheet Pile Wall	10	CY	\$2,400.00	\$24,000.00	\$1,600.00	\$16,000.00
515	Furnish & Install Reinforced Concrete Cap Along Sheet Pile Wall at Stoplog Storage Area	5	CY	\$4,000.00	\$20,000.00	\$7,000.00	\$35,000.00
516	Furnish & Install Guardrail System As-Needed Beyond Training Wall and Sheet Pile Wall at Stoplog Storage Area	60	LF	\$400.00	\$24,000.00	\$25.00	\$1,500.00
517	Install new electrical conduit and wiring	600	LF	\$70.00	\$42,000.00	\$189.00	\$113,400.00
518	Replace rip rap, as-needed, adjacent to wing wall	150	CY	\$125.00	\$18,750.00	\$200.00	\$30,000.00
519	Seeding/Sodding behind North Training Wall, assume 90% seed and 10% sod	1	LS	\$75,000.00	\$75,000.00	\$15,000.00	\$15,000.00
NORTH TRAINING WALL SUBTOTAL					\$3,172,750.00		\$3,716,450.00

600 South Training Wall							
	Site Preparation						
601	Sawcut and Partial Removal of Existing Slab on Grade As-Needed for Sheet Pile Installation	10	CY	\$450.00	\$4,500.00	\$800.00	\$8,000.00
602	Transport & Place Fill Work Volume As-Needed for Cutoff Wall Installation Equipment	20	CY	\$200.00	\$4,000.00	\$500.00	\$10,000.00
603	Furnish & Install Steel Sheet Piling Along Toe Drain Piping and Adjacent to Control Building	3200	SF	\$85.00	\$272,000.00	\$100.00	\$320,000.00
	New Work						
604	Cut Work Volume As-Needed for Cutoff Wall Installation Equipment	1100	CY	\$100.00	\$110,000.00	\$20.00	\$22,000.00
605	Transport & Place Fill Work Volume As-Needed for Cutoff Wall Installation Equipment	250	CY	\$150.00	\$37,500.00	\$160.00	\$40,000.00
606	Furnish & Install 3 ft Diameter Soil Mix Cutoff Wall	1800	LF	\$350.00	\$630,000.00	\$900.00	\$1,620,000.00
607	Furnish & Install 4 Ft Diameter Jet Grout Cells	1600	LF	\$700.00	\$1,120,000.00	\$400.00	\$640,000.00
608	Furnish & Install 8 Ft Diameter Jet Grout Cells at Transitions	400	LF	\$1,100.00	\$440,000.00	\$2,200.00	\$880,000.00
609	Furnish & Install 4 Ft Diameter Jet Grout Slab Support Columns on 10 ft Centers to Training Wall Footings	500	LF	\$700.00	\$350,000.00	\$310.00	\$155,000.00
610	Surplus Allotment of Soil Mix Grout Migrating into Remaining Voids Under Training Wall	25	CY	\$700.00	\$17,500.00	\$600.00	\$15,000.00
611	Cut As-Needed for Final Grade	250	CY	\$125.00	\$31,250.00	\$30.00	\$7,500.00
612	Transport & Place Fill As-Needed for Final Grade	1000	CY	\$50.00	\$50,000.00	\$60.00	\$60,000.00
613	Furnish & Install Continuous Reinforced Concrete Slab Between Training Wall and Cutoff Wall	250	CY	\$1,890.00	\$472,500.00	\$2,500.00	\$625,000.00
614	Furnish & Install Reinforced Concrete Slab Between End of Training Wall and Toe Drain Sheet Pile Wall	5	CY	\$2,400.00	\$12,000.00	\$1,600.00	\$8,000.00
615	Furnish & Install Reinforced Concrete Cap Along Sheet Pile Wall at Control Building	3	CY	\$4,000.00	\$12,000.00	\$6,500.00	\$19,500.00
616	Furnish & Install Guardrail System As-Needed Along Sheetpile Beyond Training Wall	40	LF	\$400.00	\$16,000.00	\$25.00	\$1,000.00
617	Furnish & Install Guardrail System Adjacent to Steps Near Crest	40	LF	\$300.00	\$12,000.00	\$25.00	\$1,000.00
618	Install new electrical conduit and wiring	1200	LF	\$70.00	\$84,000.00	\$180.00	\$216,000.00
619	Seeding/Sodding behind North Training Wall, assume 90% seed and 10% sod	1	LS	\$75,000.00	\$75,000.00	\$12,000.00	\$12,000.00
SOUTH TRAINING WALL SUBTOTAL					\$3,750,250.00		\$4,660,000.00
700 Stilling Basin Repairs							
701	Remove Existing Plugs from Underdrain and Abandoned Toe Drain Outfalls, Permentantly Seal	4	LS	\$5,000.00	\$20,000.00	\$25,000.00	\$100,000.00
STILLING BASIN REPAIRS SUBTOTAL					\$20,000.00		\$100,000.00
800 Mechanical Improvements							
801	Replace existing electrical, instrumentation, and mechanical drive components with new equipment	3	Gates Total	\$300,000.00	\$900,000.00	\$200,000.00	\$600,000.00
MECHANICAL IMPROVEMENTS SUBTOTAL					\$900,000.00		\$600,000.00
900 Daily Mandated Freshwater Release							
901	Furnish, Inspect, Maintain, and Operate 2700 gpm Intake Water Pump	212	Days	\$700.00	\$148,400.00	\$1,500.00	\$318,000.00
DAILY MANDATED FRESHWATER RELEASE SUBTOTAL					\$148,400.00		\$318,000.00
1000 Demobilization							
1001	Office Removal, Staging/Laydown Area Removal	1	LS	\$500,000.00	\$500,000.00	\$150,000.00	\$150,000.00
1002	Punchlist Inspection	1	LS	\$40,000.00	\$40,000.00	\$60,000.00	\$60,000.00
1003	Closeout Manuals / Submittals	1	LS	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
1004	Red-Line Construction Drawings	1	LS	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00
DEMOBILIZATION SUBTOTAL					\$585,000.00		\$270,000.00
SUBTOTAL ALL SECTIONS (MOBILIZATION, CONSTRUCTION ACCESS ROAD, VOID FILLING, APRON AREA REPAIRS, NORTH TRAINING WALL, SOUTH TRAINING WALL, STILL BASIN REPAIRS, MECHANICAL IMPROVEMENTS, DAILY MANDATED FRESHWATER RELEASE, DEMOBILIZATION)					\$14,071,100.00		\$29,552,070.00
CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)				10%	\$1,407,110.00	10%	\$2,955,207.00
GRAND TOTAL					\$15,478,210.00		\$32,507,277.00

THE FOLLOWING PAY ITEMS ARE INTENDED TO ESTABLISH UNIT RATES FOR UNFORESEEN CIRCUMSTANCES DURING THE CONTRACT PERIOD, AND WILL NOT BE UTILIZED TO DETERMINE CONTRACT AWARD.							
1100							
1101 Emergency Demobilization							
	a. Demobilization	1	LS	\$450,000.00	\$450,000.00	\$100,000.00	\$100,000.00
	b. Site Monitoring & Standby Rate	1	Day	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00
	d. Mobilization	1	LS	\$600,000.00	\$600,000.00	\$100,000.00	\$100,000.00
1102	Replace Fuze Plug in Emergency Spillway after Major Storm Event	1	Plug	\$100,000.00	\$100,000.00	\$40,000.00	\$40,000.00
1103	Turf Reinforcement Mat (Type 3) F&I with Anchors	50	SY	\$25.00	\$1,250.00	\$2.00	\$100.00
1104	FDOT Type D4 Filter Fabric (FDOT Std. Spec. 985) F&I for Slope Stabilization	50	SY	\$33.00	\$1,650.00	\$6.00	\$300.00
1105	Bank & Shore Riprap (D ₅₀ =18" and generally per FDOT Std. Spec. 530-2.1.3.1) F&I	20	TN	\$150.00	\$3,000.00	\$75.00	\$1,500.00